THE EAST BAY AMATEUR RADIO CLUB, INC.

QLF

THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LXXI NUMBER 11

March 2025

EBARC Meetings

Next meeting: March 21, 2025

Unitarian Universalist Church Of Berkeley

Safir Room
1 Lawson Rd., Kensington, CA

Check your email for Zoom link.

The Executive Committee is currently meeting via Zoom on the Tuesday before the second Friday General Meeting.

Welcome EBARC Members to the third edition of the *Blown Fuse* for 2025.

Please plan to join us at the meeting on March 21, 2025 in-person or on the Zoom Link.

John Cornell of Lafayette Police Department) & Daniel Goldstein KJ6KEU (ARRL East Bay Section Emergency Coordinator) will speak on emergency communications within Contra Costa and Alameda counties.

The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is a service provided as part of membership. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Audrey Nieman W6BBQ

Deadline for April Issue is March 24, 2025.

Blown Fuse Back Issues

The Internet Archive, where the digital versions of the Club newsletters are located was hacked, and taken down briefly this month. The area where EBARC newsletters (some predating the name "Blown Fuse") are stored did go down with the hack. The servers have been restored, and our newsletters are accessible with the URL: https://archive.org/details/east-bay-arc

President's Message

I am glad to announce that EBARC has a contract with UUCB, for club meetings, storage, and Radio license exams. Amateur radio license exams will take place at the Unitarian Universalist Church of Berkeley, Safir Room 1, Lawson Rd, Kensington, CA, on the following dates this year: (March 8th 11AM) (August 9th 9AM) (September 6th 9AM) (November 29th 9AM).

The club will continue to utilize storage at UUCB, until the need is reduced significantly. To help meet this goal the board and I have been going through storage. Sorting the equipment, I've found old documents & photos/QSL cards. I've chosen to digitize them immediately, and I'm still organizing them, Help needed indexing. The equipment listing is published at the end of this month's Blown Fuse and a link ital March's Meeting Agenda. Members are welcome to submit a reasonable offer for items on the list.

Howdy and I are still looking for members to give short talks on radio topics for May's meeting. I'm planning for 2 DIY project build nights. I'm using (THIS FORM) to determine what the first project will be.

Does anyone have any ideas for activities for world amateur radio Day?

(LINK HERE)

March program will welcome John Cornell of Lafayette Police Department) & Daniel Goldstein KJ6KEU (ARRL East Bay Section Emergency Coordinator) to speak on emergency communications within Contra Costa and Alameda counties.

Please take the club survey If you haven't already **(LINK HERE).**

de Mathison KJ6DZB

Minutes of the February Meeting

The Zoom meeting was brought to order by President Mathison Ott KJ6DZB at 7:05 PM. Officers present on Zoom were Vice President Howdy Gourdy KE6BEE, Treasurer Audrey Neiman W6BBQ, Second Vice President Karen Fenton KK6ZPM, Secretary Jan Kuhl AC5RB. The members present were Jay Fenton KJ6WSS, Frans Kuypers KJ6IUV, Don Simon NI6A, Tim Eisler KD6EMS, Todd Teachout W8BIK, Lorraine Schnurr KN6CRT, DJ Djovida KJ6DJ, Robin Spalding N6RL, Carol Schumacher KO6HOE, Robin Mitchell KN6CRP, Chris Harwood AA6AT and Bill Ruck W6VSY. Self-introductions were made. The minutes from the January 10, 2025 Hybrid meeting were approved as submitted in the Blown Fuse.

ANNOUNCEMENTS

President Mathison announced the passing of two members, Robin Camp KE6MRH and Roger Nellums KE6SZG. They were members of EBARC and CCCC. They will be missed.

On the agenda, in an email sent out to everyone, Matheson included a PDF from ARRL Bulletin and a PDF for the ARRL Section Newsletter. Enjoyable reading and valuable information in both.

There will be Licensee exams to be held at UUCB in the Safir room on the following dates- March 8, August 9, September 6, and November 29. These will be run by Albert N6SX.

The March program will be on a new night, March 21, the 3rd Friday of the Month. Join us for an Emergency Communications panel; John Cornell from the Lafayette Police Department and Danel Goldstein KJ6KEU, the East Bay Section Emergency Co-Ordinator.

PROGRAM

Bill Ruck, from the Maritime Radio Historical Society and Maritime Coastal Radio Sation KPH was the speaker. In many respects the story of the Maritime Coastal Sation KPH is also the story of the development of radio communications. As the wireless technology progressed from spark transmitters and crystal detections to today's handheld communication devices, KPH had to change to keep up with the advances of technology. Bill has also extended an offer for a visit later this year; the date is TBD because of construction at the site. Bill gave a comprehensive slide presentation of pictures and progress and people through the years in its development. The National Parks has inherited the facilities, and the Society is working to preserve and present its history. It is open to the public on Saturdays 10:00 AM-4:00PM. Any ham is welcome to transmit. It is CW only, no voice.

Meeting Adjourned 8:13

Respectfully Submitted

Jan Kuhl, Secretary

Helms WCC Junior Ham Pal Club Open House

Ever coached a 13-year-old? Try talking to a horde of 40 teenagers at an Open House?

Our ham volunteers methodically set up their stations in the library – Don at CW, Tom with Winlink, Jay the Portable Communication Station. Calmness reigned until 15:00.

Then came the swarm. A cluster beelined to my FRS table, quickly snatching up two Motorola Talkabouts and four T-1 radios. I showed a few how to power on, select Ch.8 and the PTT button, while kids taught one another. “Hello?” “Hello?” “Hello? “Hola?” "Hello?" “Bernardo, can you hear me?” “How does this thing work?” The radios disappeared into the crowd, dispersed around the room, magically returned at the end of the hour. Awestruck, I mainly enjoyed the chaos in the room. “Creative chaos,” Mr. Evans corrected me.

The other volunteers can describe their station activity. Jay said the adult visitors, but few students, listened to the remote hams received over the PCS. The kids had more fun talking with an FRS radio. I saw Don busy at the CW table and a few students with Tom. The button making table was the most active, with kids counting down “12, 11, 10... “as one kid gripped the button machine handle. Jeff joined that table to engage with them individually.

The students did not respond that they would join the new Ham Pal Club, but John Evans said he and the advisors will follow up with individuals on the sign-in roster. We would be happy if 3-4 pairs, a more manageable group, returned for the March 12, 3:30 - 4:30 PM session. The other important question is how to convert “creative chaos” into structured learning. Mr. Evans will create a lesson plan with his ham club partners. Meanwhile, STEM Director John Iwasaki, who attended yesterday, agreed to send me the middle school science syllabus to attempt to correlate with our radio topics.

Thanks to all our hams who volunteered in the Helms library or remotely. This was a fun experience. More to come. Please hang with us going forward.

73,

Karen Fenton kk6zpm

Treasurer's Report
As of 3/7/2025

Balance Forward	**$14192.62**
3/4/25 Deposit	**35.00**
3/5/25 Deposit	**70.00**
Interest Jan & Feb	**.19**
Disbursements	
# 1305 UUCB	**450.00**
#1306 Postmaster	**248.00**
New Balance	**$13701.66**

Now accepting late dues for 2025
Regular Member $35.00
Family Membership $45.00
PayPal to treasurer@ebarc.org
Or mail to:
EBARC
P.O. Box 1393
El Cerrito, CA 94530

An item from the EBARC Archives….

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PENDING ITEMS

CLUB Station: Still on-hold pending meetings with the UUCB Faith Leader, and Executive Director and/or other UUCB personnel.

Vacancies:

- Licensed Volunteer Examiners & Testing
- Coordinator Radio Operator License Test Prep
- Instructors Community Support (Sports events, scouting, Maker Faires)
- Program Presenters

25 Years Ago: March 2000

On Saturday, March 18" at the club station there will be an antenna building workshop. We'll start at 9 am. and probably go until about noon. Bring your parts, and we'll provide plans, hand tools, solder equipment, antenna analyzers and advice.

Our crab feed was a tremendous success. | received many compliments about how good the food was and how well organized the crab feed was. | also received phone calls the day after the crab feed wanting to know if we were going to put on another one this year. Our crab feed was a success because our members and their guests supported it. Thank you all for coming!

President Burgie thanked Fred, KC6VLL and Audrey Nieman, KF6MVH for organizing the crab feed and cooking.

50 Years Ago: March 1975

Your editor is very anxious to hear from anyone who has, or knows of, a storeroom, or shed, or extra room-er anything suitable-that can be used as headquarters to put W6CUS on the air. Several members have expressed an interest, and our first problem is location. If you think you know of an area that might suffice, drop a line to Pat Bowens, P. 0. Box 782, El Cerrito, Ca 94530 or call 538-4819 after 9 p.m.

Treasurer's Report March 1975
Balance Brought Forward ~ January 1975 $145.01
Cash $ 1.60
Savings 123.25
Checking 20.16
Receipts Dues "2,50
Raffle 19.50 §22 .00
Disbursements
Printing 19.00
Stamps 4.14
Refreshments 13.25
Reproductions (Novice Class) $40.05
Net Loss $ 18.05
Closing Balance, as of February 28, 1975 $126 96
Cash $ 0.94
Savings 125 25
Checking 2.77

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone with an amateur radio license. Annual dues are $35 for individual membership, $45 for family membership, and $10 for students K-12. For information, send email to ebham.office@gmail.com, contact any EBARC officer, see Web page *www.ebarc.org*, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. You can also follow us on Twitter using @w6cus, or on Facebook's "East Bay Amateur Radio Club."

2025 East Bay Amateur Radio Club Executive Committee

Mathison Ott, KJ6DZB, President	510-701-0234
Jan Kuhl, AC5RB, Secretary	510-846-3829
Howdy Goudey, KE6BEE, 1st VP / Program Chair	510-684-9097
Karen Fenton, KK6ZPM, 2nd VP/ Membership	510-701-7443
Audrey Nieman, W6BBQ, Treasurer / Finance Chair	510-682-7938

2025 EBARC's Other Committee Heads and Contacts

Blown Fuse Editor: Audrey Nieman, W6BBQ 510-682-7938
W6CUS Trustee Chris Harwood 510-332-7383
Webmasters: Chris & Isaac Harwood 510-332-7383

Upcoming Activities & Events

Events	Time & Days	INFO
Ham Cram	Feb 15, May 17	(INFO)
VE @ UUCB by Albert N6SX	March 8th	
General Meeting	March 21st	
General Meeting	April 18	
2025 Coastal Region Radio Exercise	May 1st	
General Meeting	May 16th	
ARRL Digital Contest	Jun 7-8th	(INFO) (LOG)
General Meeting	June 20th	
ARRL Field Day June	June 27*-28-29	
General Meeting	July 18th	
General Meeting	August 15th	
Pacificon 2025	Fri Oct 10 -12	(MORE INFO)
California QSO Party	Oct4 1600- Oct5 2200 UTC	(RULES)
General Meeting	November 21st	
ARRL CW Sweepstakes	11/2 - 11/4	(INFO)
General Meeting	December 19th	
Holiday Party	TBD	

More Contest info at https://www.contestcalendar.com
And at https://www.arrl.org/contest-calendar

Bay Area & U.S. Amateur Radio Nets:

Net	Days	Time PST	Repeater	INFO
Over the Hill Commuter CCCC	Mon-Fri	7:10pm	WA6KQB (system)	RX: 145.110MHz TX:-600kHz CTCSS: 82.5Hz RX:444.275MHz TX:+5MHz CTCSS:82.5Hz RX:224.3MHz TX:+4MHz CTCSS:82.5Hz EchoLink: 184423 / AllStar: 529990 /
Insomniac Net WIN SYSTEM on LPRC	Mon-Sun	10pm	WR6ABD	RX:442.900 TX:+5MHz CTCSS:162.2
W1AW CW Practice (LINK)				1.8025, 3.5815, 7.0475, 14.0475, 18.0775, 21.0675, 28.0675, 50.350, 147.555 MHz, EchoLink: 501433
W1AW Digital Bulletins (LINK)				3.5975, 7.095, 14.095, 18.1025, 21.095, 28.095, 50.350, 147.555 MHz.
W1AW Voice Bulletins (LINK)				1.855, 3.99, 7.29, 14.29, 18.16, 21.39, 28.59, 50.350, 147.555 MHz.
MidCars (LINK) eastern USA	Mon-Sun	5:30-11AM		7.258 LSB
NorCAL DMR Net TG31068	Mon	7:30pm	W6PW	UHF RX:444.225MHz TX:+5MHz CC1 WA6BAY, W6PW, K6LNK, N6AMG, WB6ECE, W6CX
NorCAL DMR Net TG31068	Mon	7:30pm	W6CX-DV	W6CX-DV RX:145.000 TX:+2.5MHz CC:1 (MORE INFO)
CCCC 220 Net	Tues	7:30pm		RX:224.3MHz TX:+4MHz CTCSS:82.5Hz
MeshPhone Conference Call N2NM	Mon	7:30pm	BAM PBX	Mesh phone 78- 973-2193
Loma Pioneer Radio Club LPRC	Tues	8pm	WR6ABD	RX:146.640MHz TX:-600kHz CTCSS:162.2kHz
ORCA Noon time Net	Tues	12noon	WB6NDJ	RX:146.880MHz TX:-600kHz CTCSS:77kHz RX:442.4MHz TX:+5MHz CTCSS:77kHz EchoLink: 270352 / AllStar: 47154 / IRLP: 3115
Marin County RACES HF NVIS NET	Tues	6pm		3.895, 5.405 (ch5) USB / 7.228 LSB / 40m (JS8)
UC Berkeley ARC W6BB	Wed	7:30PM	WA6ZTY	RX:442.275MHz TX:+5MHz CTCSS:103.5Hz (Echo Link KJ6DZB-L) (Allstar NODE 59521)
UC Berkeley ARC W6BB (Echo Link)	Wed	7:30PM	KJ6DZB-L	KJ6DZB-L
San BrunoARC	Wed	8:30pm	simplex	7.27mhz & 46.595MHz FM
WC EMCOMM Net	Thu	1845	WA6KQB	WA6KQB (system)
Mt Diablo MDARC	Thu	7:30pm	W6CX	RX:147.060MHz TX:+600kHz CTCSS:100Hz
CCCC Evening Net	Thu	1930	WA6KQB	WA6KQB (system)
Co Co County HF EmComm Net	Thu	6pm		7.213MHz (+/- QRM) LSB
Co Co County HF EmComm Net	Thu	6:15pm		5.346.5MHz USB (ch. 2) or 5.357Mhz (Ch. 3)
Co Co County HF EmComm Net	Thu	6:30pm		3.893MHz (+/- QRM) Alternative 3.888MHz LSB
KARO/ECHO EMCOMM NET	Thu	7pm		Simplex 146.415MHz
NALCO ARES Net	Thu	7:15pm	N6BRK	RX:147.255MHz TX:+600kHz CTCSS:123kHz RX:440.900MHz TX:+5 TX:+5MHz CTCSS:131.8.5KHz
Oakland RCA Net	Thu	7:30pm	WB6NDJ	WB6NDJ (system)
W6CX-ATV Net	Thu	8pm	W6CX-ATV	1244.50MHz DVB-S2 (MORE INFO)
Bay Area EMCOMM Net	Sat	9:00am	WA6KQB	WA6KQB (system)
San Francisco ARC W6PW HF net	Sat	9am	simplex	14.328MHz USB
CCCC WC Net	Sat	9:15am	WA6KQB	WA6KQB (system)
Bay Area Comm Net	Sat	9:30am	WA6KQB	WA6KQB (system)
Cert FL Digi Net	Sat	10am	WA6KQB	WA6KQB (system)
The Bay Area NVIS Net	Sat	8am		3.890MHz LSB
Slow Scan TV SSTV (MORE INFO)				145.500 MHz, 145.600MHz, 144.550MHz, 145.800MHz
U.S. Packet	27/7	27/7	wide1-2	1200bps 144.390MHz
Satellite Packet	Status	Status	NA1ISS	1200bps 145.825MHz
NA1ISS Cross-Band Repeater	Status	Status		Up: 145.990MHz CTCSS:67Hz Dow: 437.800MHz

-High Speed Microwave Data Network-	-INFO-
Bay Area Mesh (AREDN)	More INFO /Bay Area Node Map
-WINLINK NODES-	-INFO-
WA6KQB-10	441.500MHz 1200bps & VARA FM wide
KC6SSM-10	145.630MHz
W6ECK-10	441.500MHz packet (local mailbox W6ECK-1)
W6ECK-10	145.630 VARA (local mailbox W6ECK-1)
KI6DOG-10	144.910 packet (Oakland)
K2YE-10	144.910 packet (Oakland)
K6VOM-11	145.630 packet or VARA (San Leandro)

Note: Please send suggestions or modifications to KJ6DZB

DX peditions:

TY5C Benin

Benin, Jan 10-April 2, 2025, Gerard, F5RAV will be active as TY5.
He will operate on 80 - 10m, CW, FT8.

VP2VI BVI

VP2VI Team will be active from British Virgin Islands, IOTA NA - 023 in April 2025.

5R8TT 5R8XX Madagascar

5R8TT 5R8XX Team will be active from Madagascar, October - November 2025.

Currently Active

H44MS Solomon Islands
4S7KKG Sri Lanka
V26MN Antigua
VP2MMN Montserrat Island
JG8NQJ/JD1 Marcus Island Minami Tori Shima Islands
8J1RL Showa Research Station
6W7/ON4AVT Warang Senegal
OX3LX Greenland
FT4YM Antarctica
RI1ANE Progress Station Antarctica
7Q2T Malawi
VK9CU Cocos Keeling Islands
D68Z Comoro Islands

More DX Peditions info at https://dxnews.com/dxpeditions/

EBARC 2025 Working Inventory

(Link Here)

ITEM	Description	Make	Offer Price
1	Military floodlight mast: 6230-386-8939	Fabricators Inc.	250
2	Antenna poles for tops of crank-up masts		15
3	di-pole w/long coax attached		20
4	di-pole approx. 60' w/inductor		20
5	di-pole w/ window line		20
6	di-pole w/coax		20
7	di-pole w/silver coax		20
8	300W dummy load	MFJ	20
9	Coax without ends -10' to 20'	Belden	10
10	Coax 100'		50
11	Astron RS-12A power supply	Astron	40
12	Astron RS-20A power supply	Astron	50
13	Astron SS-30 power supply-30 amp 13.8v	Astron	50
14	Astron RS-20A power supply	Astron	50
15	Astron RS-35A power supply	Astron	50
16	MFJ-989C Versa Tuner antenna tuner	MFJ	50
17	AC Extension Cords		50
18	4:1 HF Balun (new)	Comtek	20
19	CAT Control Unit	Yaesu	free
20	foot switch		5
21	1000W dummy load	MFJ	20
22	HyGain-IV/CD-45-II antenna rotator Controller	Telex	60
23	HyGain Rotor controller & manual	HyGain	60
24	Iambic The Ultimater Chrom paddle keyer	Bencher	
25	Signal Corp US Army Type J-36 keyer	Vibroplex	
26	MFJ 8044 electronic keyer	MFJ	
27	Daiwa CN-801 SWR power meter	Daiwa	70
28	Anderson Powerpole connectors BOX	Anderson	10
29	desk lamp		10
30	ICOM 208H transceiver w/mic	ICOM	120
31	Ameritron AL 80A amplifier	Ameritron	500
32	ICOM 738 xcvr, mic, manual, CAT cable	ICOM	120
33	ICOM IC-738	ICOM	120
34	MFJ Versa Tuner II (949?)	MFJ	20
35	Kenwood TS-440S transceiver	Kenwood	120
36	Coax 200' + spool (with connectors)		150
37	ICOM 821H_UHF?VHF transceiver w/box & mic	ICOM	500
38	Heathkit oscilloscope	Heathkit	10
39	Freestanding Voltmeter	Triplett	
40	Freestanding Amp Meter	Weston	

41	Probe		
42	Orphan Meter-Parts bin item	Simpson	
43	Manual & probes for Tek465 Oscilloscope		
44	Tektronix 465 oscilloscope, manual, & probes	Tektronix	60
45	LCD AV projector & remote	Epson VS355	100
46	RigExpert portable Antenna analyzer	RigExpert	415
47	Tri band +40 meter Yagi (in case)	Cushcraft	50
48	AS-10 # band Yagi (in box) ?HF?	Astron? Hy-Gain?	50
49	Coax cable 100' RG-213		75
50	ground rod 10'		20
51	Rope		free
52	Includes 4 Coax: 100', 25',3',3'		
53	Box of generator supplies		free
54	Generator, gas	5000 Pwr Plus	450
55	Generator Power Cords		50
56	Fire Extinguisher, ABC	Amerex	45
57	Fire Extinguisher, ABC	Amerex	45
58	Fire Extinguisher, ABC	Amerex	45
59	Fire Extinguisher, ABC	Amerex	45
60	Fire Extinguisher, ABC	Amerex	45
61	Stakes, Pipe, Rebar		20
62	Fence posts		
63	1"x1/2"x8' Wood Strip		
64	2-room tents		30
65	tables 8' plastic folding		7
66	Table 3' x 3'		7
67	Folding Chairs fabric		5
68	Folding Chairs Metal (red cross sticker)		1

END